



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 11191319
SAU: Old Orchard Beach School Dept
School: Loranger Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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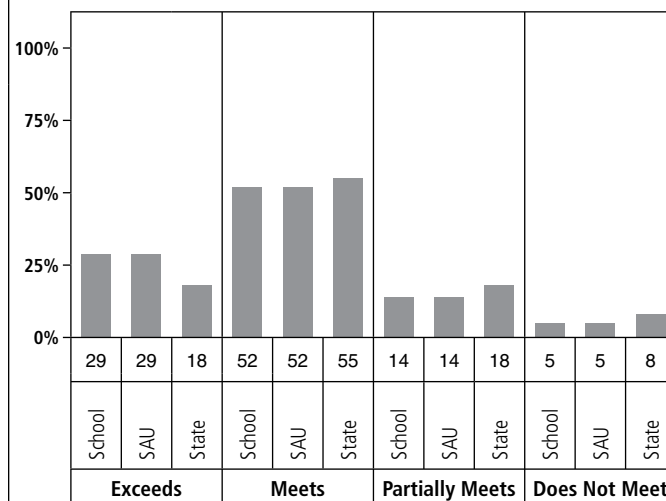
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: Old Orchard Beach School Dept
School: Loranger Middle School

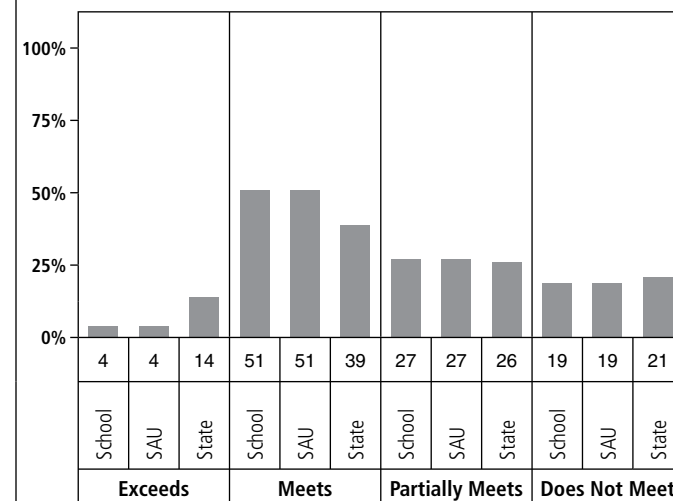
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	743	743	745
2006–2007	747	747	748
2007–2008	754	754	750
Cum. Avg. *	748	748	748
Mathematics			
2005–2006	737	736	740
2006–2007	743	743	742
2007–2008	742	742	743
Cum. Avg. *	741	741	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: Old Orchard Beach School Dept
 School: Loranger Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School			SAU			ELA-Reading						Mathematics											
	n		%		n		n		%		n		n		%		n		n		%		n	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	79	100	79	100	14818	100	79	100	79	100	14698	99	79	100	79	100	14694	99						
Ethnicity African American/Black	2	3	2	3	381	3	2	100	2	100	372	98	2	100	2	100	375	99						
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99						
Asian or Pacific Islander	0	0	0	0	219	1	0	0	0	0	213	97	0	0	0	0	217	99						
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100						
Caucasian/White	77	97	77	97	13927	94	77	100	77	100	13825	99	77	100	77	100	13813	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	9	11	9	11	2556	17	9	100	9	100	2508	99	9	100	9	100	2497	98						
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99						
Economically disadvantaged	24	30	24	30	5461	37	24	100	24	100	5408	99	24	100	24	100	5406	99						
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		%		n		n		%		n		n		%		n	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	74	94	74	94	12195	82	74	94	74	94	12215	82						
Identified disability (PET/IEP)	4	5	4	5	418	3	4	5	4	5	421	3						
LEP	0	0	0	0	183	2	0	0	0	0	183	1						
504 plan	0	0	0	0	181	1	0	0	0	0	182	1						
Participation with accommodations	5	6	5	6	2320	16	5	6	5	6	2303	16						
Identified disability (PET/IEP)	5	100	5	100	1912	82	5	100	5	100	1900	83						
LEP	0	0	0	0	159	7	0	0	0	0	173	8						
504 plan	0	0	0	0	56	2	0	0	0	0	55	2						
Other	0	0	0	0	244	11	0	0	0	0	226	10						
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1						
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100						
LEP	0	0	0	0	5	3	0	0	0	0	4	2						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0												
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0						
Non-participation – other	0	0	0	0	93	1	0	0	0	0	96	1						

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: Old Orchard Beach School Dept
School: Loranger Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	7	10	7	10	1769	11
	2006-2007	14	16	14	16	2630	18
	2007-2008	23	29	23	29	2604	18
	Cum. Total*	44	19	44	19	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	33	46	33	46	7521	49
	2006-2007	41	48	41	48	7605	51
	2007-2008	41	52	41	52	8049	55
	Cum. Total*	115	49	115	49	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	17	24	18	25	3773	24
	2006-2007	24	28	24	28	3000	20
	2007-2008	11	14	11	14	2672	18
	Cum. Total*	52	22	53	22	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	14	20	14	19	2399	16
	2006-2007	6	7	6	7	1620	11
	2007-2008	4	5	4	5	1190	8
	Cum. Total*	24	10	24	10	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	37.9	67.7	37.9	67.7	35.3	63.0
Literary Text	28	50	18.8	67.1	18.8	67.1	17.3	61.8
Informational Text	28	50	19.1	68.2	19.1	68.2	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Old Orchard Beach School Dept
 School: Loranger Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	79	23	29	41	52	11	14	4	5	754	79	29	52	14	5	754	14515	18	55	18	8	750
Ethnicity																						
African American/Black	2										2						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	0										0						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	77	23	30	39	51	11	14	4	5	754	77	30	51	14	5	754	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	9	1	11	2	22	4	44	2	22	740	9	11	22	44	22	740	2330	2	30	36	32	735
No	70	22	31	39	56	7	10	2	3	756	70	31	56	10	3	756	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	79	23	29	41	52	11	14	4	5	754	79	29	52	14	5	754	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	24	4	17	13	54	5	21	2	8	749	24	17	54	21	8	749	5299	9	51	26	14	745
No	55	19	35	28	51	6	11	2	4	756	55	35	51	11	4	756	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	79	23	29	41	52	11	14	4	5	754	79	29	52	14	5	754	14514	18	55	18	8	750
Gender																						
Female	39	13	33	21	54	4	10	1	3	757	39	33	54	10	3	757	7084	24	55	15	6	752
Male	40	10	25	20	50	7	18	3	8	751	40	25	50	18	8	751	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	6	47	34	12	743
No	79	23	29	41	52	11	14	4	5	754	79	29	52	14	5	754	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	79	23	29	41	52	11	14	4	5	754	79	29	52	14	5	754	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Old Orchard Beach School Dept
 School: Loranger Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	4	100	0	0	0	0	754	5	0	100	0	0	754	6	9	42	24	25	741
B. less than one hour	44	9	26	17	49	6	17	3	9	751	44	26	49	17	9	751	50	17	56	19	8	750
C. one to two hours	46	12	33	18	50	5	14	1	3	756	46	33	50	14	3	756	40	20	58	16	6	752
D. more than two hours	5	2	50	2	50	0	0	0	0	759	5	50	50	0	0	759	4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	46	11	31	21	58	3	8	1	3	755	46	31	58	8	3	755	36	24	58	14	5	753
B. They match some of what I have learned.	44	12	34	17	49	5	14	1	3	756	44	34	49	14	3	756	50	16	58	19	8	749
C. They match just a little of what I have learned.	10	0	0	3	38	3	38	2	25	739	10	0	38	38	25	739	11	13	45	26	16	745
D. There is no match.	0										0						3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	20	9	56	7	44	0	0	0	0	764	20	56	44	0	0	764	28	35	52	9	5	756
B. good	61	12	25	29	60	5	10	2	4	753	61	25	60	10	4	753	52	15	60	18	7	750
C. fair	19	2	13	5	33	6	40	2	13	745	19	13	33	40	13	745	18	3	49	33	15	742
D. poor	0										0						2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	15	5	42	3	25	2	17	2	17	753	15	42	25	17	17	753	16	13	48	23	16	745
B. about the same as my regular schoolwork	72	16	28	33	58	7	12	1	2	755	72	28	58	12	2	755	65	18	57	18	7	750
C. easier than my regular schoolwork	13	2	20	5	50	2	20	1	10	749	13	20	50	20	10	749	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	1	14	1	14	3	43	2	29	741	9	14	14	43	29	741	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	56	12	28	25	58	4	9	2	5	754	56	28	58	9	5	754	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	35	10	37	15	56	2	7	0	0	758	35	37	56	7	0	758	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	11	30	19	51	5	14	2	5	754	47	30	51	14	5	754	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	51	12	30	22	55	5	13	1	3	755	51	30	55	13	3	755	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	50	1	50	731	3	0	0	50	50	731	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	12	3	33	3	33	3	33	0	0	754	12	33	33	33	0	754	17	25	57	13	6	753
B. 20 minutes to an hour	41	7	22	20	63	4	13	1	3	754	41	22	63	13	3	754	45	22	56	16	6	752
C. less than 20 minutes	24	7	37	9	47	1	5	2	11	755	24	37	47	5	11	755	13	14	56	21	9	748
D. I rarely read at home.	23	6	33	9	50	2	11	1	6	754	23	33	50	11	6	754	24	8	53	26	13	745
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	1	100	0	0	736	100	0	0	100	0	736						
C.	0										0											
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Old Orchard Beach School Dept
School: Loranger Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	4	6	4	6	1646	11
	2006-2007	12	14	12	14	2142	14
	2007-2008	3	4	3	4	2028	14
	Cum. Total*	19	8	19	8	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	28	39	28	39	5497	36
	2006-2007	39	46	39	46	5642	38
	2007-2008	40	51	40	51	5703	39
	Cum. Total*	107	46	107	45	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	23	32	23	32	4514	29
	2006-2007	18	21	18	21	4077	27
	2007-2008	21	27	21	27	3733	26
	Cum. Total*	62	26	62	26	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	16	23	17	24	3797	25
	2006-2007	16	19	16	19	3001	20
	2007-2008	15	19	15	19	3054	21
	Cum. Total*	47	20	48	20	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.5	53.1	8.5	53.1	8.8	55.0
Cluster 2: Shape and Size	14	25	5.3	37.9	5.3	37.9	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.6	45.0	3.6	45.0	3.5	43.8
Cluster 4: Patterns	18	32	7.4	41.1	7.4	41.1	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Old Orchard Beach School Dept
 School: Loranger Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	79	3	4	40	51	21	27	15	19	742	79	4	51	27	19	742	14518	14	39	26	21	743
Ethnicity																						
African American/Black	2										2						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	0										0						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	77	3	4	39	51	20	26	15	19	742	77	4	51	26	19	742	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	0	0	2	22	7	78	721	9	0	0	22	78	721	2321	2	16	26	55	727
No	70	3	4	40	57	19	27	8	11	744	70	4	57	27	11	744	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	79	3	4	40	51	21	27	15	19	742	79	4	51	27	19	742	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	24	1	4	9	38	7	29	7	29	737	24	4	38	29	29	737	5301	5	31	31	33	736
No	55	2	4	31	56	14	25	8	15	744	55	4	56	25	15	744	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	79	3	4	40	51	21	27	15	19	742	79	4	51	27	19	742	14517	14	39	26	21	743
Gender																						
Female	39	1	3	20	51	10	26	8	21	740	39	3	51	26	21	740	7086	14	40	26	20	743
Male	40	2	5	20	50	11	28	7	18	743	40	5	50	28	18	743	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						946	4	23	36	37	733
No	79	3	4	40	51	21	27	15	19	742	79	4	51	27	19	742	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	79	3	4	40	51	21	27	15	19	742	79	4	51	27	19	742	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
 Grade: 7
 SAU: Old Orchard Beach School Dept
 School: Loranger Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	2	50	2	50	0	0	746	5	0	50	50	0	746	6	7	29	26	37	734
B. less than one hour	44	0	0	16	46	12	34	7	20	740	44	0	46	34	20	740	50	13	39	26	22	742
C. one to two hours	46	3	8	19	53	7	19	7	19	743	46	8	53	19	19	743	40	15	42	26	17	744
D. more than two hours	5	0	0	3	75	0	0	1	25	745	5	0	75	0	25	745	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	18	0	0	7	50	4	29	3	21	739	18	0	50	29	21	739	32	21	40	23	16	747
B. They match some of what I have learned.	58	2	4	24	52	14	30	6	13	744	58	4	52	30	13	744	50	12	42	27	19	743
C. They match just a little of what I have learned.	22	1	6	9	53	3	18	4	24	742	22	6	53	18	24	742	15	7	32	31	30	737
D. There is no match.	3	0	0	0	0	0	0	2	100	710	3	0	0	0	100	710	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	15	2	17	6	50	2	17	2	17	746	15	17	50	17	17	746	25	34	42	13	11	753
B. good	53	1	2	24	57	10	24	7	17	743	53	2	57	24	17	743	47	10	45	27	18	743
C. fair	30	0	0	9	38	9	38	6	25	738	30	0	38	38	25	738	23	3	30	36	32	735
D. poor	1	0	0	1	100	0	0	0	0	752	1	0	100	0	0	752	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	53	1	2	20	48	13	31	8	19	742	53	2	48	31	19	742	36	6	38	29	27	738
B. about the same as my regular schoolwork	43	2	6	17	50	8	24	7	21	741	43	6	50	24	21	741	53	13	42	27	18	744
C. easier than my regular schoolwork	4	0	0	3	100	0	0	0	0	753	4	0	100	0	0	753	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	53	2	5	21	51	12	29	6	15	743	53	5	51	29	15	743	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	45	1	3	19	54	8	23	7	20	742	45	3	54	23	20	742	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	50	1	50	728	3	0	0	50	50	728	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	4	0	0	1	33	1	33	1	33	733	4	0	33	33	33	733	9	15	37	25	23	742
B. two or three days a week	10	0	0	0	0	5	63	3	38	731	10	0	0	63	38	731	20	13	41	26	20	743
C. two or three times each month	57	2	4	27	60	14	31	2	4	747	57	4	60	31	4	747	30	15	40	27	18	744
D. never or almost never	29	1	4	12	52	1	4	9	39	737	29	4	52	4	39	737	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	3	0	0	0	0	0	0	2	100	720	3	0	0	0	100	720	20	17	39	23	22	744
B. two or three days a week	14	0	0	1	9	4	36	6	55	726	14	0	9	36	55	726	29	16	40	25	19	744
C. two or three times a month	28	0	0	8	36	12	55	2	9	740	28	0	36	55	9	740	26	13	40	28	20	743
D. never or almost never	56	3	7	31	70	5	11	5	11	748	56	7	70	11	11	748	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	9	0	0	3	43	1	14	3	43	731	9	0	43	14	43	731	8	7	32	26	35	736
B. 30–45 minutes	26	0	0	11	55	5	25	4	20	741	26	0	55	25	20	741	41	12	38	27	23	741
C. 45–60 minutes	60	3	6	22	47	15	32	7	15	743	60	6	47	32	15	743	41	17	42	24	16	745
D. more than 60 minutes	5	0	0	3	75	0	0	1	25	741	5	0	75	0	25	741	10	15	38	25	22	743
Optional school/SAU question																						
A.	0										0											
B.	100	0	0	0	0	0	0	1	100	712	100	0	0	0	100	712						
C.	0										0											
D.	0										0											